Function-Feature Intervals (version 0)
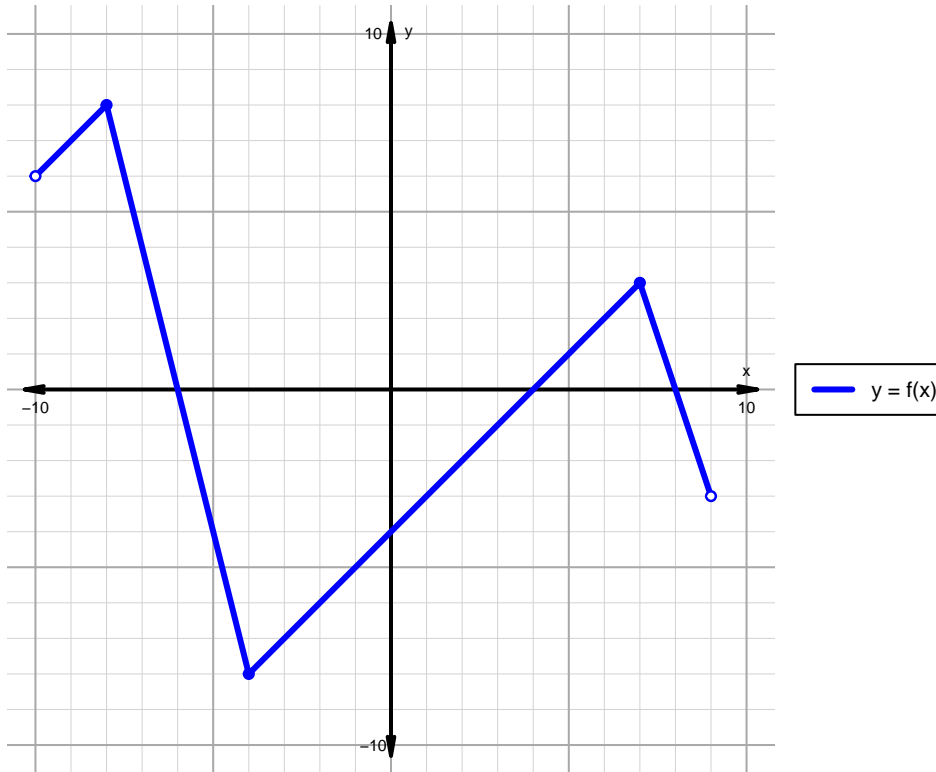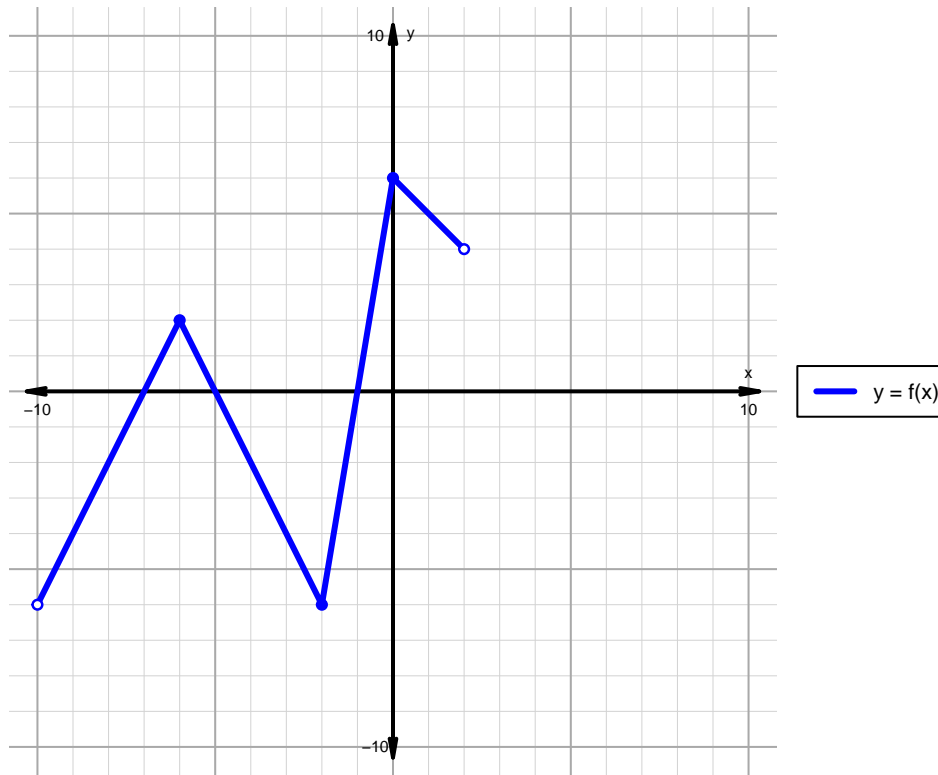
1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-10, -6) \cup (4, 8)$
Negative	$(-6, 4) \cup (8, 9)$
Increasing	$(-10, -8) \cup (-4, 7)$
Decreasing	$(-8, -4) \cup (7, 9)$
Domain	$(-10, 9)$
Range	$(-8, 8)$

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2. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-7, -5) \cup (-1, 2)$
Negative	$(-10, -7) \cup (-5, -1)$
Increasing	$(-10, -6) \cup (-2, 0)$
Decreasing	$(-6, -2) \cup (0, 2)$
Domain	$(-10, 2)$
Range	$(-6, 6)$